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CENTRAL INTELLIGENCE AGENCY

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COUNTRY Czechoslovakia/East Germany

REPORT

SUBJECT Production of Electro-Acoustical and Telephone Apparatus

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2. Tesla Valasske Mezirici Research Center, Prague

This

enterprise is a small developmental institute belonging to the Tesla Plant. It is located in Prague-Jemeralka, Nebusice post office address, and is situated in rather crowded quarters on a former estate. The director of this institute is Dr. Ing. Merhaut. In accordance with manufacturing at the main plant, the institute works primarily in the field of electrical acoustics. For example, basic work is done on the qualitative improvement of speaker cones and on the principles for constructing stereo-phonographic pickups with good frequency response and, at the same time, very great, near-end cross-talk attenuation. In addition, however, Dr. Merhaut has for many years worked on improving transmitters and receivers in telephone technology, as well as problems connected with measuring their properties. This work led to the publication of an article, "New Electric-Acoustical Transformers for Telecommunications", which appeared in the Czech technical periodical, "Slaboproudny Obzor", Volume 15, 1954, No. 6, pages 242-258. In this article

every new transmitter and receiver developed in the institute was described.

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3. Tesla Liptovsky Hradok Plant. The Tesla plant located at Liptovsky Hradok is under the direction of an engineer, Prokscha (fm). This enterprise chiefly manufactures desk telephone sets and smaller extension installations; subscriber telephones and dials are manufactured on an assembly-line basis. The plant has a large department for manufacturing tools, which employs ninety persons, as well as a well-equipped laboratory and engineering department. The laboratory had numerous samples of foreign telephones

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Such samples are constantly received by the plant, without any special effort, through the Czech foreign trade concern, Kovo. In addition to the foreign telephones newer samples of Soviet inserts

were also seen. A completely new plant is being built in eastern Slovakia which is expected to take over the well-operating production at the Tesla Liptovsky Hradok plant.

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4. Tesla Valasske Mezirici Plant. This main plant primarily manufactures construction parts and equipment for electrical acoustics, particularly loudspeakers in very large quantities, but also dynamic microphones, magnetic microphones, and magnetic miniature earphones for transistor hearing aids, as well as the devices themselves. Microphones and earphones were formerly imported from East Germany. The director of the plant is named Merhaut but he is not related to the engineer, Dr. Merhaut, the head of the institute in Prague.

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